ECONOMIC



CENSUS 1 9 9 7

Industry Classification

Economic Census Table

Data classified by industry

NAICS code	Geographic area and kind of business	Estab:- lishments Sales (number) (\$1,000)		Estab- Annual lishments Sales payroll		shments Sales payroll Marc	
	COLORADO						
44-45	Retail trade	18 299	40 536 034	4 163 312	225 647		
441	Motor vehicle & parts dealers.	1 791	10 597 755	880 854	28 164		
4411 44111 441110	Automobile dealers New car dealers New car dealers	676 324 324	8 927 701 8 264 839 8 264 839	650 155 601 851 601 851	18 301 16 532 16 532		
44112 441120	Used car dealers Used car dealers	352 352	662 862 662 862	48 304 48 304	1 769 1 769		
4412 44121	Other motor vehicle dealers Recreational vehicle dIrs.	215 62	559 447 235 460	51 358 19 483	1 942 638		

Industry Classification

PStandard Industrial Classification (SIC) System

PDeveloped in 1930's

PUpdated every 10-15 years

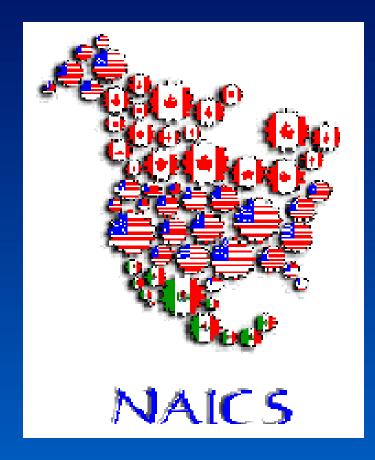
PDominated by manufacturing

NAICS



American Industry
Classification
System

NAICS



North American Industry Classification System



NAICS is New

PNew industries

PNew sectors

PNew numbering system



NAICS New Industries in NAICS

Selected examples

Fiber optic cable manufacturing

Paging

Warehouse clubs

Food/health supplement stores

Pet supply stores

Telemarketing bureaus

HMO medical centers

Bed and breakfast inns

Diet and weight reducing centers



NAICS Sectors

11	Agriculture, Forestry, Fishing, and Hunting	55	Management of Companies and Enterprises
21	Mining	56	Administrative and Support
22	Utilities		and Waste Management and
23	Construction		Remediation Services
31-33	Manufacturing	61	Educational Services
42	Wholesale Trade	62	Health Care and Social
44-45	Retail Trade		Assistance
48-49	Transportation and	71	Arts, Entertainment and
	Warehousing		Recreation
51	Information	72	Accommodation and Food
52	Finance and Insurance		Services
53	Real Estate and Rental	81	Other Services (except Public
	and Leasing		Administration)
54	Professional, Scientific	92	Public Administration
	and Technical Services		



New Numbering System

NAICS SIC

XX	Industry Sector	Division
XXX	Industry Subsector	2-digit
XXXX	Industry Group	3-digit
XXXXX	Industry	
XXXXXX.	Industry US National Industry	· \ 4-digit



New Numbering System

Example

Level	Code	Description
Sector	51	Information
Subsector	513	Broadcasting and Telecommunications
Industry Group	5133	Telecommunications
Industry	51332	Wireless Telecommunications
U.S. Industry	513321	Paging



New Sectors

SIC Division	NAICS Sector
Transportation, Communications, and Utilities	Utilities Transportation and Warehousing
Finance, Insurance, Real Estate	Finance and Insurance Real Estate and Rental and Leasing
Retail Trade	Retail Trade Accommodations and Food Services
Service Industries	Professional, Scientific, and Technical Services Administrative & Support and Waste Management & Remediation Services Educational Services Health Care and Social Assistance Arts, Entertainment, and Recreation Information



New Sectors

SIC Division	NAICS Sector
Transportation, Communications, and Utilities	Utilities Transportation and Warehousing
Finance,	Finance and Insurance
√nsurance,	Real Estate and Rental and Leasing
eal Estate	
ail Trade	R_all Trade
	Accommodation and Food Services
Ser	Professional, Scientific, and Technical Services
Industr	Administrative & Support and
	Waste Management & Remediation Services
	Educational Services
	Health Care and Social Assistance
	Arts, Entertainment, and Recreation
	Information



Information Sector

Created from

Manufacturing Publishing

Transportation, Communication, and Utilities Broadcasting and Telecommunications

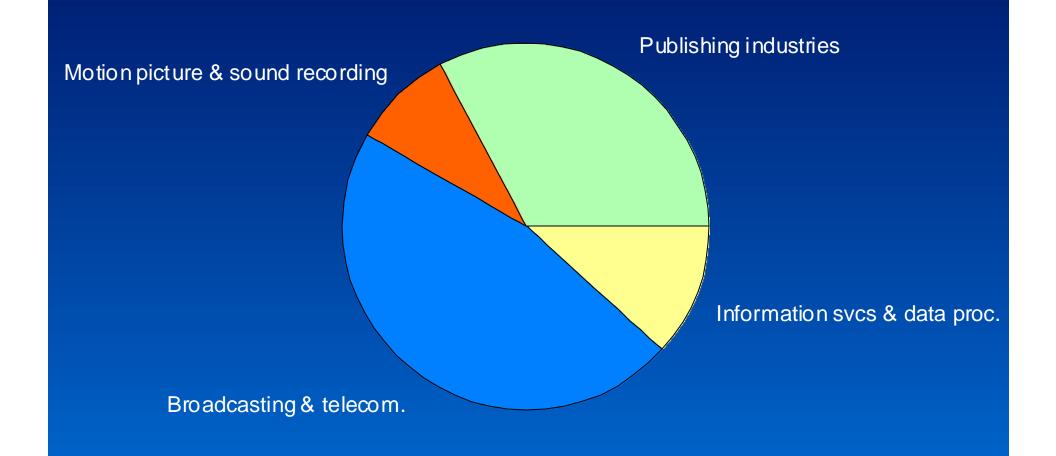
Service Industries

Motion Picture and Sound Recording Information Services and Data Processing Libraries



Information Subsectors

Employment, 1997





Accommodation and Food Services

Created from

Service Industries
Hotels and other lodging

Retail Trade Eating and drinking places



Retail vs Wholesale

Retail Trade

Wholesale Trade

InSIC

Sells to consumers

Sells to business

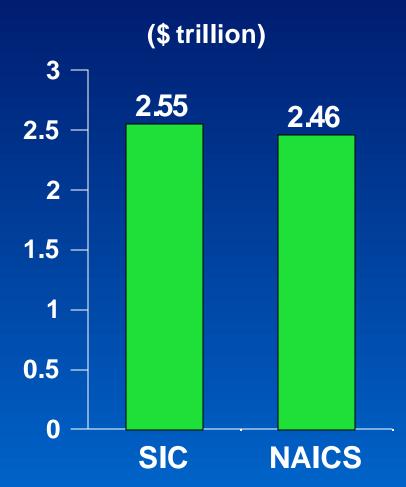
InNACS

Location attracts public Advertise to public Display merchandise

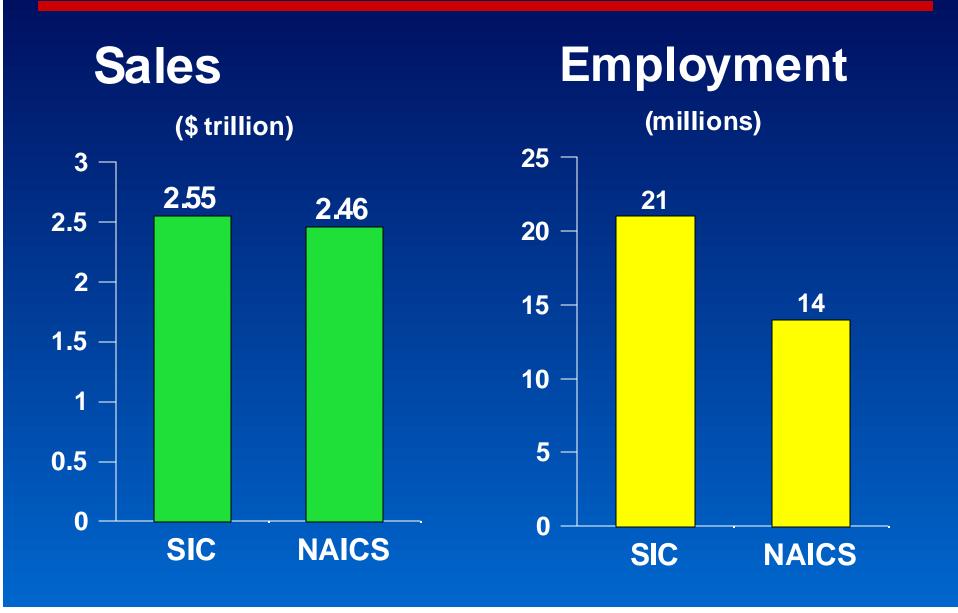
Office or warehouse Advertise to trade Display little or no merchandise

Iwo Views of 1997 Retail Trade

Sales



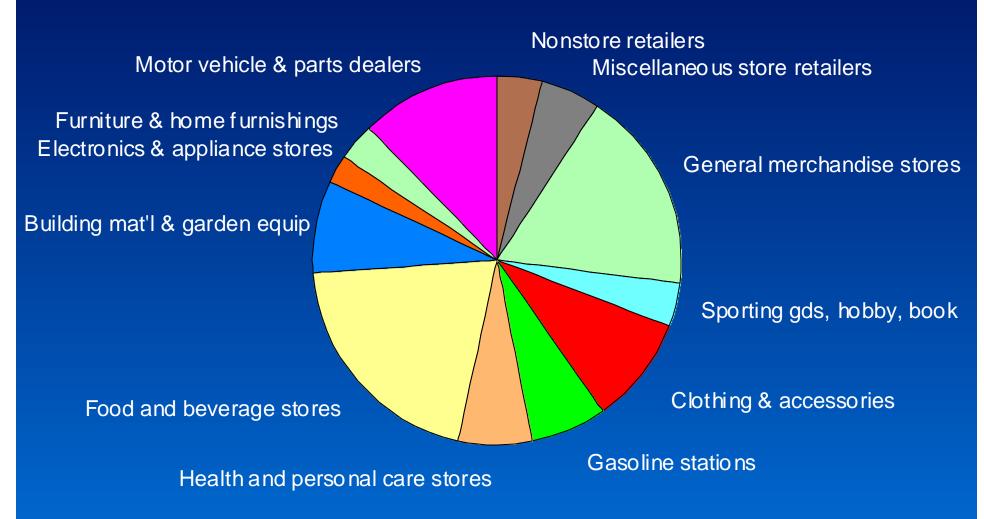
Iwo Views of 1997 Retail Trade





Retail Trade Subsectors

Employment, 1997





Manufacturing

Transferring out-Publishing - Logging - Auxiliaries

Transferring in--Retail bakeries - Dental labs - Tire retreading

Brings together-Computers, electronic equipment, components



Vanufacturing Subsectors

Employment, 1997

Food manufacturing

Beverage & tobacco
Textile mills

Textile product mills

Apparel manufacturing

Leather and allied product Wood product manufacturing

Paper manufacturing

Printing

Petroleum & coal products

Chemical manufacturing

Plastics & rubber products

Nonmetallic mineral product
Primary metal manufacturing

Miscellaneous manufacturing

Furniture and related products

Transportation equipment

Electrical equip., appliance

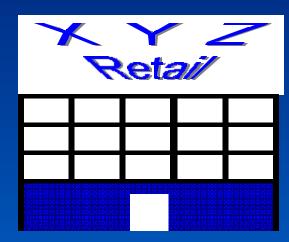
Computer & electronics

Machinery manufacturing

Fabricated metal product manufacturing

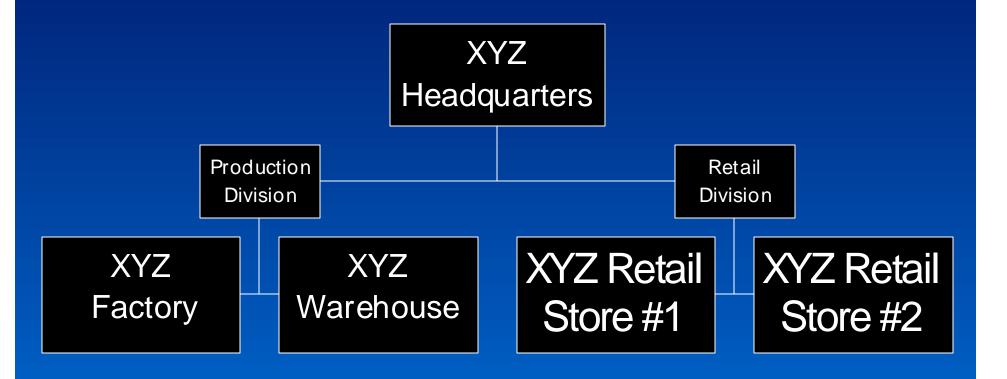
Establishment

A store, warehouse, factory, etc. at a single physical location



Company

One or more establishments under common ownership or control



Auxiliary Establishments

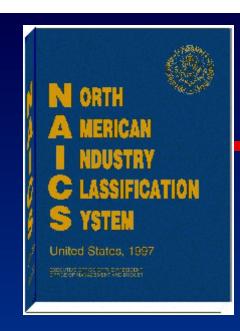
AUXII aries: establishments of multi-establishment firms that provide services to other owned establishments





Classifying Auxiliaries by Activity

- PAuxiliaries: establishments of multiestablishment firms that provide services to other owned establishments
- P In SC--Classified by industry
- PINACS—Classified by activity
- P New sector:
 - < Management of Companies and Enterprises</p>



NAICS Manual

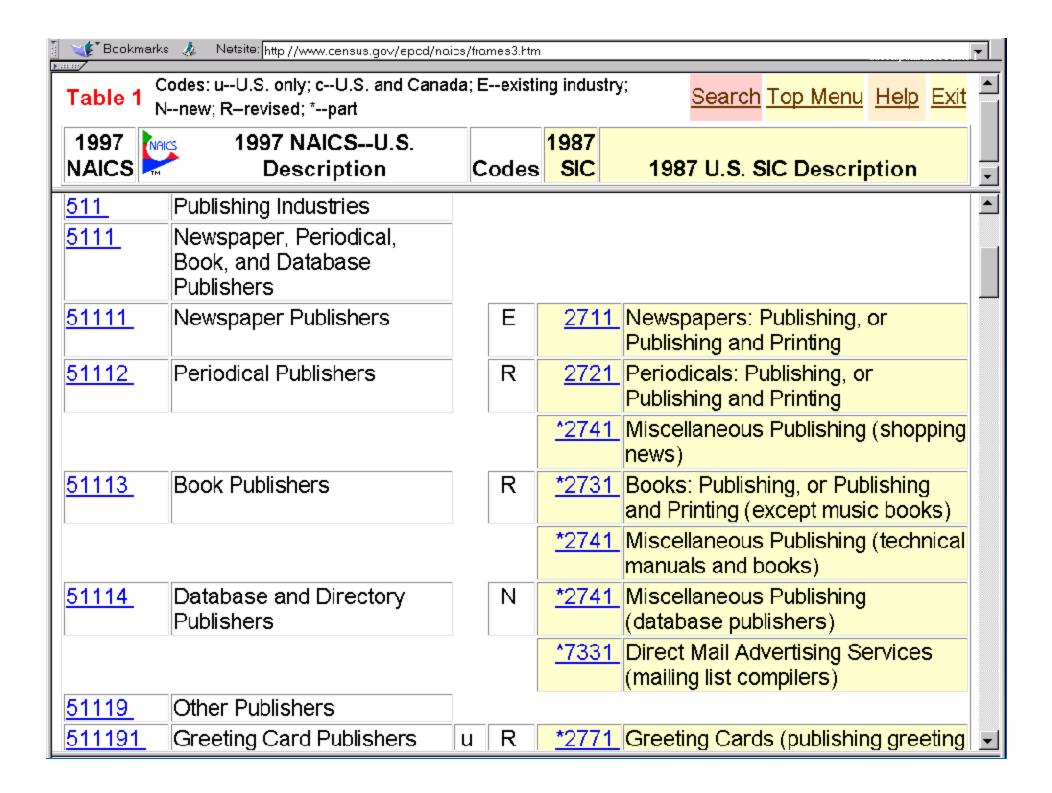
In Print
On CD
At www.census.gov/naics

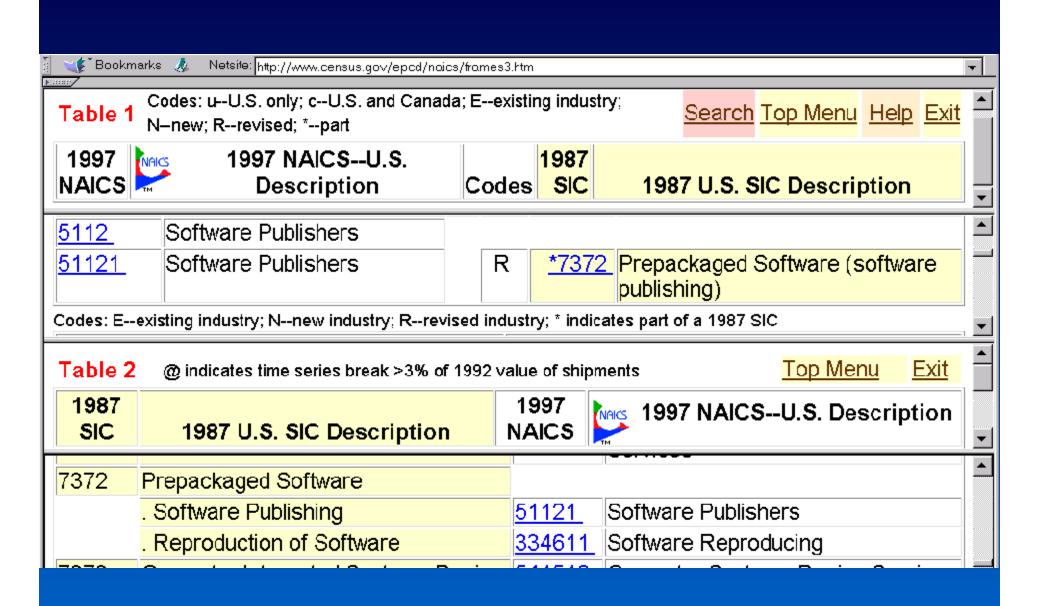
PDefinitions for each industry

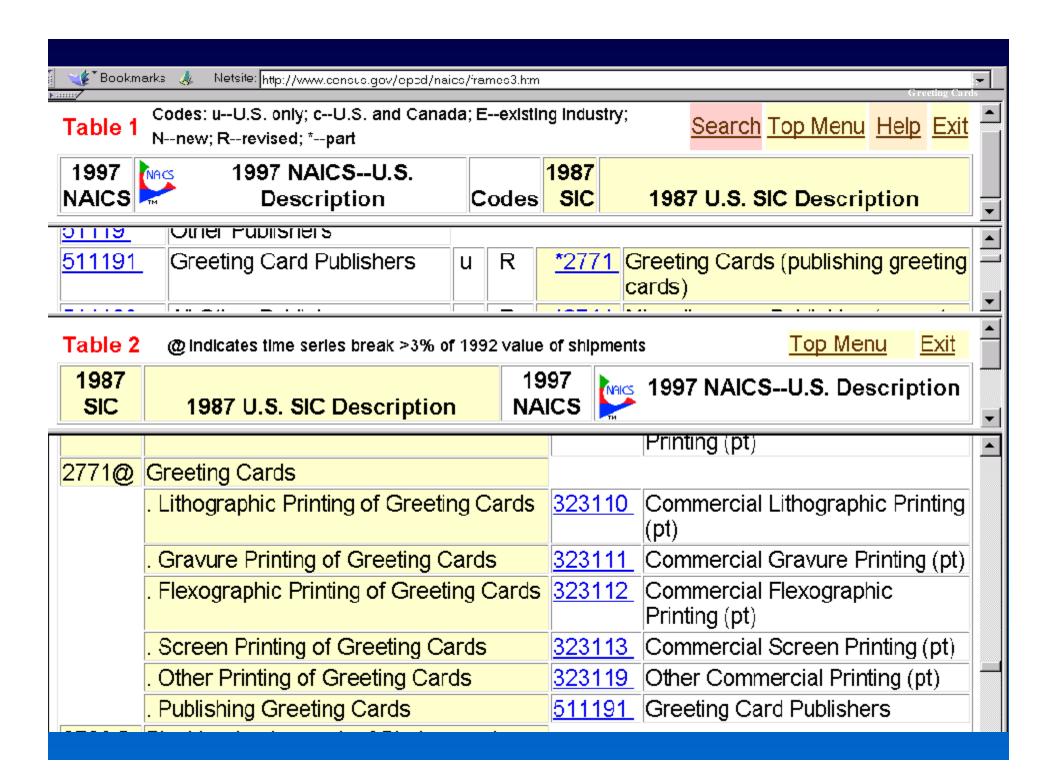
PAlphabetic index

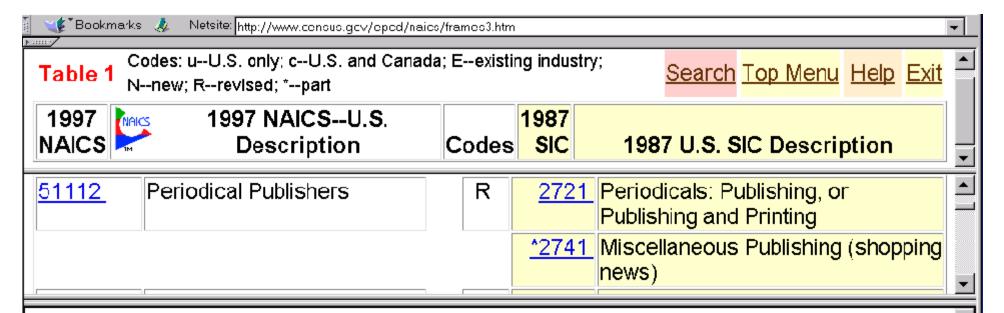
PCorrespondence tables

- < NAICS to SIC
- < SIC to NAICS









511120 Periodical Publishers

This industry comprises establishments known as magazine or periodical publishers. These establishments carry out the operations necessary for producing and distributing magazines and other periodicals, such as gathering, writing, and editing articles, and selling and preparing advertisements. These establishments may publish magazines and other periodicals in print or electronic form.

to Table 1

NAICS	SIC	Corresponding Index Entries
511120	2741	Advertising periodical publishers
511120	2741	Advertising periodical publishers and printing combined
511120	2741	Advertising periodical publishing (i.e., establishments known as publishers)
511120	2721	Agricultural magazine and periodical publishers
511120	2721	Agricultural magazine and periodical publishers and printing combined

Bridge Between NAICS and SIC

U.S. Census Bureau



1997 Economic Census:

Bridge Between SIC and NAICS

CENSUS SIC: Manufacturing

SIC 27: Printing and publishing

sic	NAICS	<u>Pt</u>	Description	Establish- ments	Value of Shipments [\$1,000]	Paid employees	Annual payroll (\$1,000)
277	37/42		Greeting cards	152	5,470,559	21,883	667,444
2771	ಮಾ		Greeting cards	152	5,470,559	21,883	667,444
<u>0% of</u>	323110	20	Commercial lithographic printing (pt)	28	38,035	355	9,697
<u>0% of</u>	323111	20	Commercial gravure printing (pt)	0	0	0	0
0% of	323112	20	Commercial flexographic printing (pt)	0	0	0	0
<u>0% u</u>	323113	30	Commercial screen printing (pt)	3	10,645	90	3,487
<u>1% nf</u>	323119	20	Other commercial printing (pt)	10	26,792	391	10,214
	511191		Greeting card publishers	111	5,395,087	21,047	644,046
sic	NAICS	<u>Pt</u>	Description	Establish- ments	Value of Shipments [\$1,000]	Paid employees	Annual payroll (\$1,000)
278	37/42		Blankbooks and bookbinding	1,704	6,427,964	64,755	1,665,871
2782	6.3		Blankbooks & looseleaf binders	419	4,467,477	33,406	905,903
20% of	323116	20	Manifold business form printing (pt)	118	1,893,005	15,608	396,564
	323118		Blankbook, looseleaf binder, & device mfg	301	2,574.472	17,798	509,339
2789	alls		Bookbinding & related work	1,285	1,960,487	31,349	759,968
	323121		Tradebinding & related work	1,285	1,960,487	31,349	759,968

U.S. Census Bureau

CENSUS 1 2 2 7

1997 Economic Census:

Bridge Between SIC and NAICS

SIC: Manufacturing

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∑=sum of NAICS parts listed below the symbol - 550 links to Comparative Statistics for 1992 and 1997

(Bridge complete.) Comparable SIC derivable from NAICS data.

(Drawbridge slightly open.) Almost comparable Sales or receipts from NAICS are within 3% of SIC sales or receipts.

(Drawbridge open.) Not comparable SIC sales or receipts cannot be estimated within 3% from NAICS data.

Bridge Between NAICS and SIC: NAICS table

U.S. Census Bureau

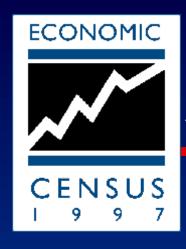


1997 Economic Census: **Bridge Between NAICS and SIC** Information

NAICS 511: Publishing industries - 6-digit NAICS by 4-digit SIC

Includes only establishments with payroll. Introductory text includes scope and methodology. Figures to the left of SIC codes indicate the percent of SIC receipts represented by that part; and link to Table 1 where other parts of the NAICS are shown 5 links to 1997 and 1992 Comparative Statistics for whole SICs.

NAICS	SIC I	Pt	Description	Estab- lish-	Revenue	Paid	Annual payroll
14/100	<u> </u>	•	Description	ments	<u>(\$1,000)</u>	employees	(\$1,000)
5111			Newspaper, periodical, book, & database publishers	21,857	117,390,578	738,085	24,949,197
51111			Newspaper publishers	8,773	41,433,090	400 ,818	11,729,887
511110	allo		Newspaper publishers	8,773	41,433,390	400,318	11,729 887
	2711 %	792	<u>Newspapers</u>	8,773	41,433,390	400,318	11,729 887
51112			Periodical publishers	6,331	29,972,538	137,865	5,997,490
511120	₩		Periodical publishers	6,331	29,972,538	137,365	5,897 490
	2721 %	% 2	<u>Periodicals</u>	6,331	29,972,538	137,365	5,897 490
51113			Book publishers	2,689	22,676,105	90,170	3,655.695
511130	ಮಾ		Book publishers	2,689	22,676,105	90,170	3,655 695
<u>39% of</u>	2731 1	С	Book publishing (pt)	2,689	22,676,105	90,170	3,655 695
51114			Database & directory publishers	1,459	12,277,511	43,241	1,659,099
511140	دسک		Database & directory publishers	1,459	12,277,511	43,241	1,659 093
35% of	2741 1	С	Miscellandous publishing (pt)	830	10,776,279	33,113	1,342,004
<u>15% of</u>	7331 0	ŧ	Direct mail advertising services (pt)	629	1,501,232	10,128	317 095
51119			Other publishers	2,605	11,031,334	65,991	1,907,026
511191	ಮಾ		Greeting card publishers	111	5,335,387	21,347	644 043
<u>99% of</u>	2771 6	С	Greeting cards (pt)	111	6,335,387	21,347	E44 043
5 11100	_/ \		All other nublishers	2.404	6 828 247	34.347	1 580 000



Assembling Time Series

Across Economic Censuses

SIC 1987 1992 (1997)

NAICS 1997 2002 2007



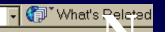
mplementing NAICS

Census Bureau

PNAICS replaces SIC in

```
< 1999-2001 1997 Economic Census
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- < 2000 1998 County Business Patterns
- < 2000 1998 Annual Survey of Mfrs
- < 2001 1998-9 Annual Retail Trade
- < 2001 2001 Monthly Retail Trade
- < 2002 2000 Annual Capital Expenditures



Official notice

NAICS to SIC SIC to NAICS

NAICS Search

How NAICS will affect data users

New industries New sectors New code system. Benefits Breaks in time series

Implementation

Census Bureau BEA BLS

Other agencies

Product Classification

Service Sector Manufacturing

Questions?

Ask Dr. NAICS

Development of NAICS

Introduction Federal Register

U.S. Census Bureau



North American Industry Classification System (NAICS)

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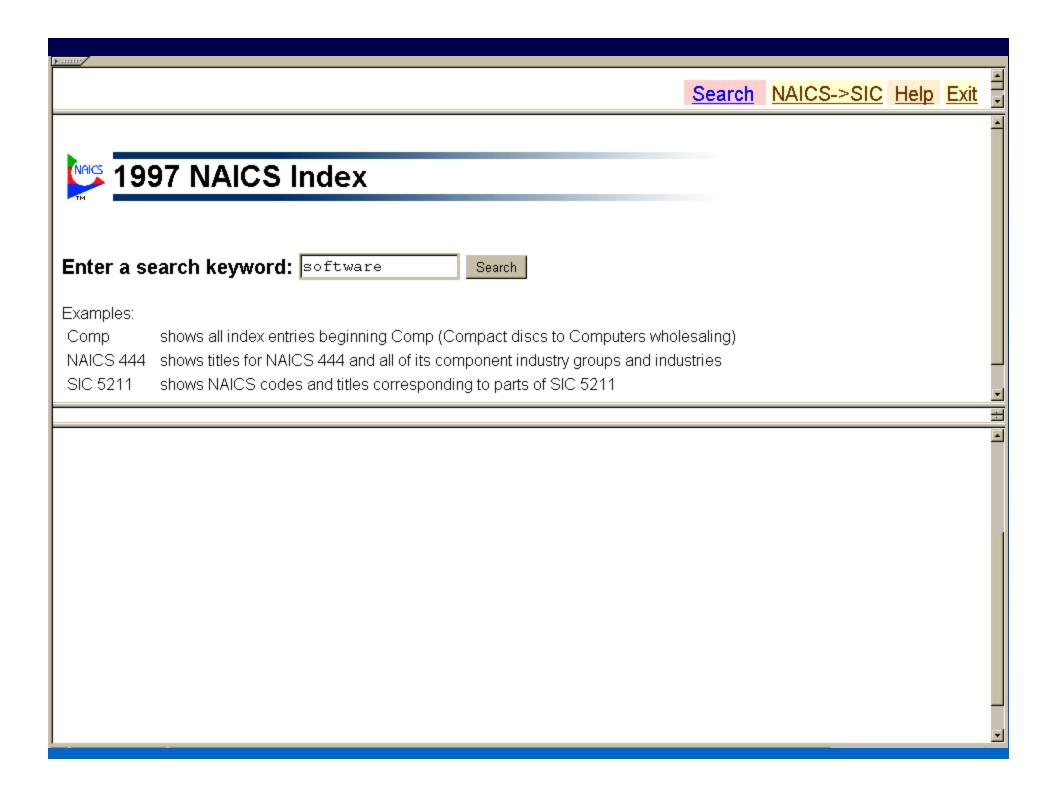
NAICS on the move. Industry revisions are being proposed **NAICS** 2002, substantially affecting construction and wholesale trade, but also modifying a number of retail classifications and the organization of the information sector.

A new North American Product Classification System (NAPCS) is also being proposed for 2002, starting in four services sectors. (No major changes are planned for manufacturing products.)

Measuring electronic business is a major challenge for future statistical programs. Review Census Bureau plans and make your own comments.



Nakes The first-ever NAICS-based statistics are included in the 1997 Economic Census Advance Report. Preliminary national totals are shown for sectors and subsectors. More details will be published through 1999.



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	Search	NAICS-23IC	пею	LXIL	▼
ı			Search	(2)	

Index entry	NAICS Code	U.S. NAICS Title
Software analysis and design services, custom computer	<u>541511</u>	Custom Computer Programming Services
Software application training	611420	Computer Training
Software computer, packaged, publishers	<u>511210</u>	Software Publishers
Software installation services, computer	541519	Other Computer Related Services
Software programming services, custom computer	<u>541511</u>	Custom Computer Programming Services
Software publishers	<u>511210</u>	Software Publishers

<u>Search</u>	NAICS->SIG	Help.	Exit	Ī	

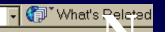
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Software installation services, computer	541519	Other Computer Related Services
Software programming services, custom computer	<u>541511</u>	Custom Computer Programming Services
Software publishers	511210	Software Publishers

511210 Software Publishers

This industry comprises establishments primarily engaged in computer software publishing or publishing and reproduction. Establishments in this industry carry out operations necessary for producing and distributing computer software, such as designing, providing documentation, assisting in installation, and providing support services to software purchasers. These establishments may design, develop, and publish, or publish only.

to Table 1

NAICS	AICS SIC Corresponding Index Entries					
511210	7372	Applications software, computer, packaged				
511210	7372	Computer software publishers, packaged				
-11010	7070					



Official notice

NAICS to SIC SIC to NAICS

NAICS Search

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Changes for NAICS 2002

PConstruction

P Wholesale Trade

PRetail Trade: E-tailing

PInformation: Internet publishing

Implemented in 2002 Economic Census (published 2004-6)

Official notice

NAICS to SIC SIC to NAICS

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NAICS



North American Industry Classification System

ECONOMIC



CENSUS 1 9 9 7